## INTERNATIONAL SEARCH REPORT

пист Аррисацов NO

A. According to International Patent Classification (IPC) or to both netional classification and IPC  B. PIBLOS SEARCHED  Documentation searched (classification system followed by classification symbolis)  IPC 7 FO4B  Decumentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Electronic data base consulted during the International search (name of data base and, where practical, search terms used)  EPO—Internal , PAJ  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category* Citation of document, with indication, where appropriate, of the relevant passages  Relevant to claim No.  X US 6 176 683 B1 (YANG SOON—BAE) 23 January 2001 (2001–01–23)  Y abstract  column 2, lines 7-38 column 3, lines 11–3 column 6, lines 1-14 claim 3  Y US 2003/161734 A1 (KIM TAE—DUK) 28 August 2003 (2003–08–28) abstract; figure 3 paragraph '0003! paragraph '0008! paragraph '0008! paragraph '0008! paragraph '0008! paragraph '0008! paragraph '0008!  "Y document defining the general state of the art which is not considered to be of particular relevance."  "A document of particular relevance to order the international filing date of photoly data and not in conflict with the application of the confliction data of another confliction of the documents is:  "A document of particular relevance to the international filing date of photoly data and not in conflict with the application of the confliction data of another confliction of the documents is:  "A document of particular relevance to the international filing date of photoly data and not in conflict with the application of the confliction data of another confliction relief of anoth			PCT/	/BR2004/000240	
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EPO-Internal, PAJ  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category* Clation of document, with indication, where appropriate, of the relevant passages  Relevant to claim No.  X US 6 176 683 B1 (YANG SOON—BAE) 23 January 2001 (2001–01–23)  1 1–5,7–9, 11–13, 15,16, 18–31 6,10,14, 17  abstract  column 2, lines 7–38 column 3, lines 11–33 column 4, line 37 – column 5, line 16 column 6, lines 1–14 claim 3  Y US 2003/161734 A1 (KIM TAE—DUK) 28 August 2003 (2003–08–28) abstract; figure 3 paragraph '00031 paragraph '00081 paragraph '0014!, '0015!  —/—  X Further documents are listed in the continuation of box C.  *Special categories of cited documents:  ** document defining the general state of the art which is not considered to be of particular relevance  ** of the continuation of th					
C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category* Chatton of document, with indication, where appropriate, of the relevant passages  Relevant to claim No.  X  US 6 176 683 B1 (YANG SOON-BAE) 23 January 2001 (2001-01-23)  1-5,7-9, 11-13, 15,16, 18-31 6,10,14, 17  abstract  column 2, lines 7-38 column 3, lines 11-33 column 4, lines 37 - column 5, line 16 column 6, lines 1-14 claim 3  Y  US 2003/161734 A1 (KIM TAE-DUK) 28 August 2003 (2003-08-28) abstract; figure 3 paragraph '0003! paragraph '0008! paragraph '0014!, '0015!  X  Further documents are listed in the continuation of box C.  *Special categories of clied documents:  ** document defining the general state of the art which is not considered to be of particular relevance  "Courant which may throw doubts on priority claim(s) or affert the international filing date "Courant which may throw doubts on priority claim(s) or accounted the continuation of carbon confidered to a priority claim(s) or accounted to the problemate step when the document is been alone claim or and disclosure, use, exhibition or other means.  To document the problemate of the to the international filing date but of other means.  To document published on or affer the international filing date but of the remains on a specified; or accounted problemated prior to the international filing date but of the remains.  To document published on or affer the linemational filing date but of the remains.  The problemate step when the document is baken alone considered on or problemate the problemated to involve an inventive step when the document but published on or affer the international filing date but that this has the problemated prior to the international filing date but that this this the problemated prior to the international filing date but that this has the combination belong provided and problemated prior to the international filing date but that this has the combination belong provided and problemated prior to the international filing date but that the problemated prior to the international			ase and, where practical, search t	erms used)	
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Y abstract	Category °	Citation of document, with indication, where appropriate, of the re-	levant passages	Relevant to claim No.	
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28 August 2003 (2003–08–28) abstract; figure 3 paragraph '0003! paragraph '0008! paragraph '0008! paragraph '00015!   X Patent family members are listed in annex.  * special categories of cled documents:  A document defining the general state of the art which is not considered to be of particular relevance or profits of the paragraph of the par		column 3, lines 11-33 column 4, line 37 - column 5, lir column 6, lines 1-14	ne 16		
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"P" document published prior to the international filing date but later than the priority date claimed "**  "B" document published prior to the international filing date but later than the priority date claimed "**  "At" document member of the same patent family	citation	or other special reason (as specified)			
later than the priority date claimed ** document member of the same patent family	otner m	eans		ing obvious to a person skilled	
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Date of the actual completion of the international search  Date of mailing of the international search report	Date of the a	ctual completion of the international search	Date of mailing of the internal	lional search report	
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NL - 2290 HV Flip-Wijk Tel. (431-70) 340-2040, Tx. 31 851 epo nl, Fax: (431-70) 340-3016 Richmond, R		NL – 2280 HV Hijswijk Tel. (+31–70) 340–2040. Tx. 31 651 epo ni	Richmond, R		

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